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Fig. 3

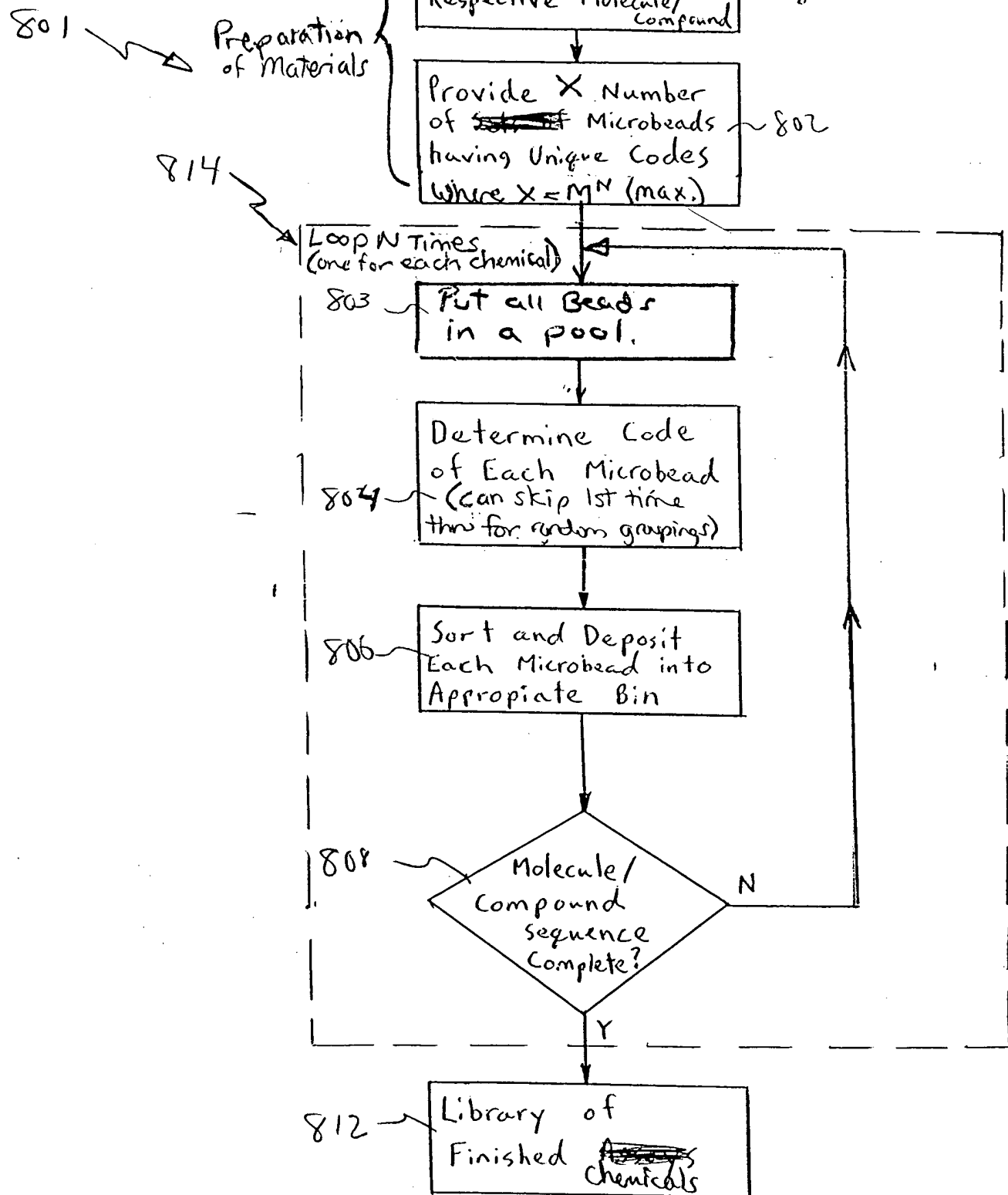


Fig. 4

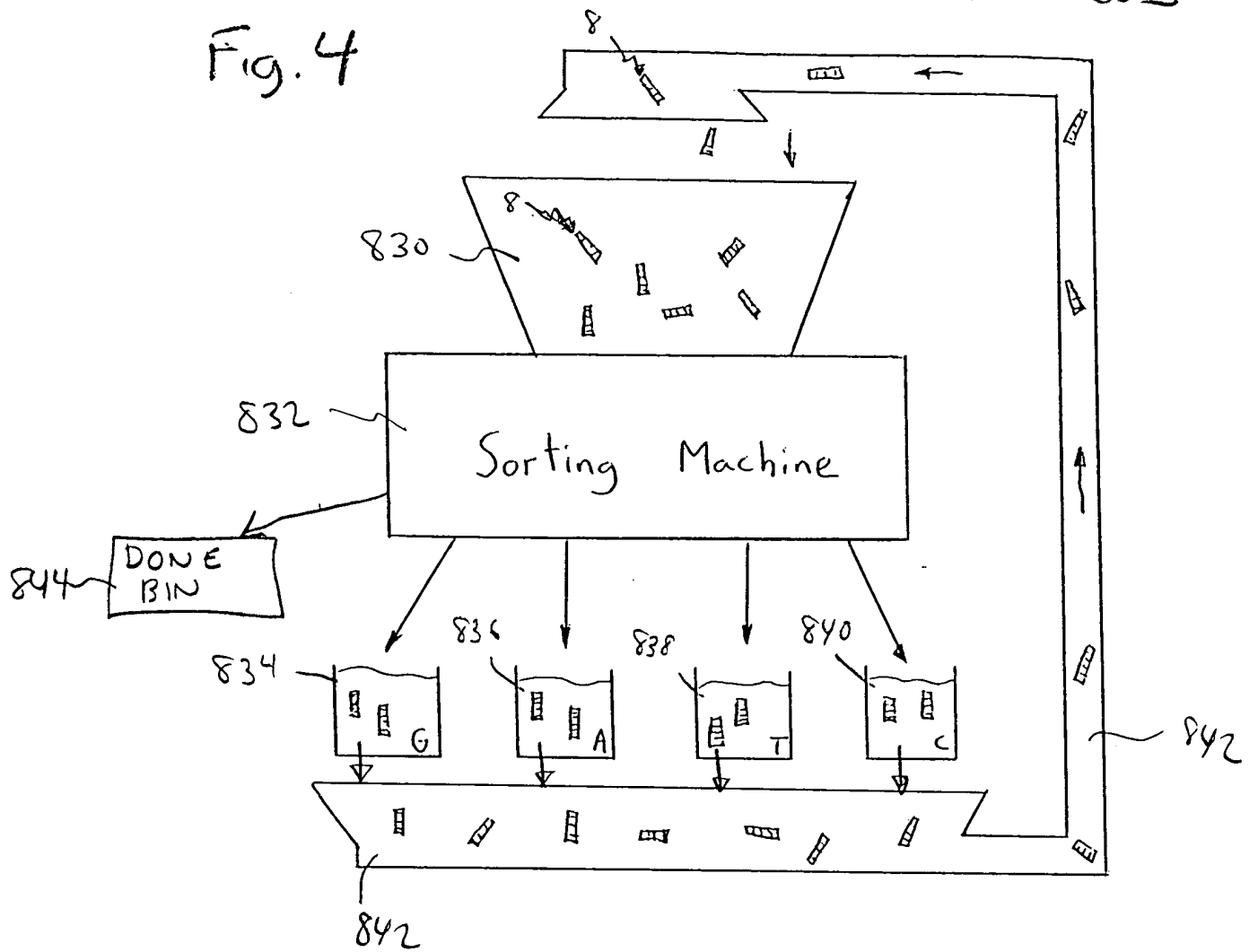


Fig. 5

CC-0653

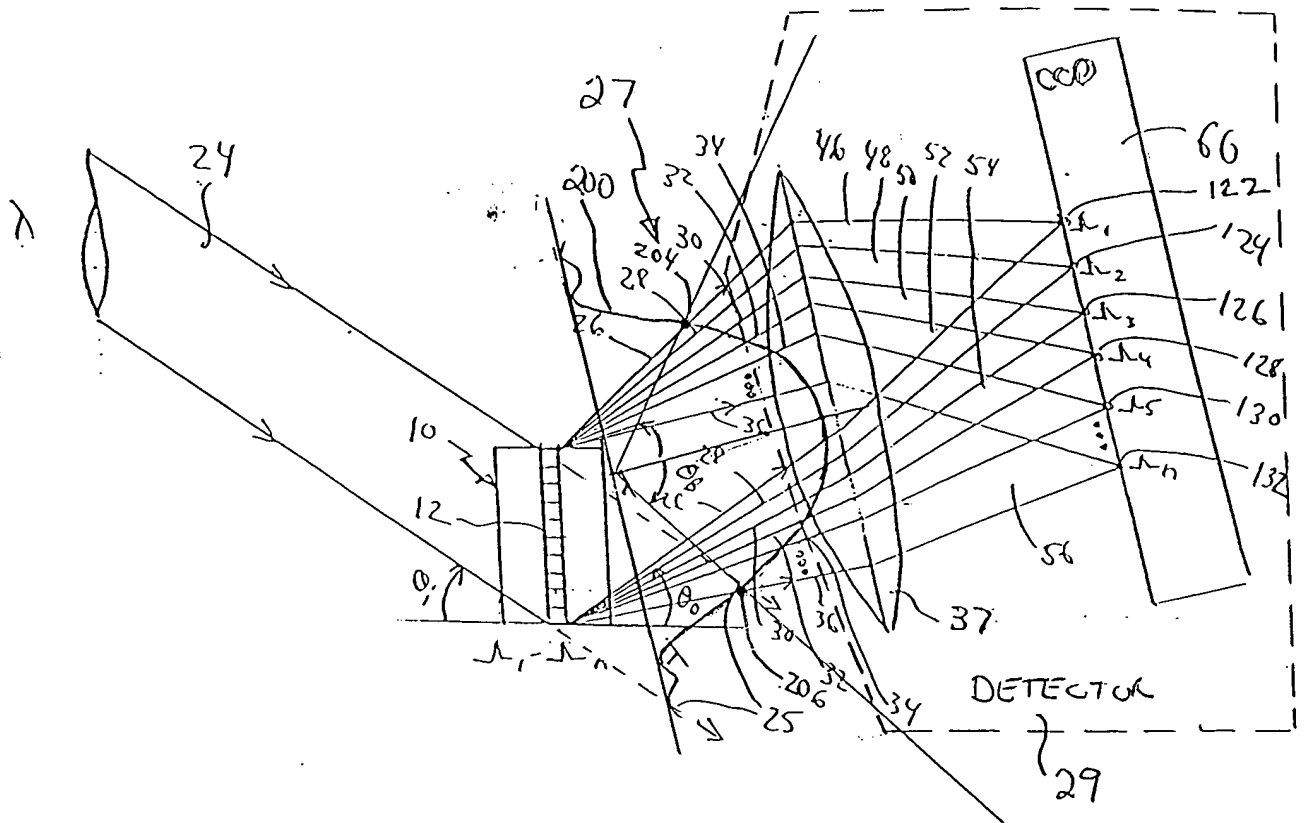


Fig. 6

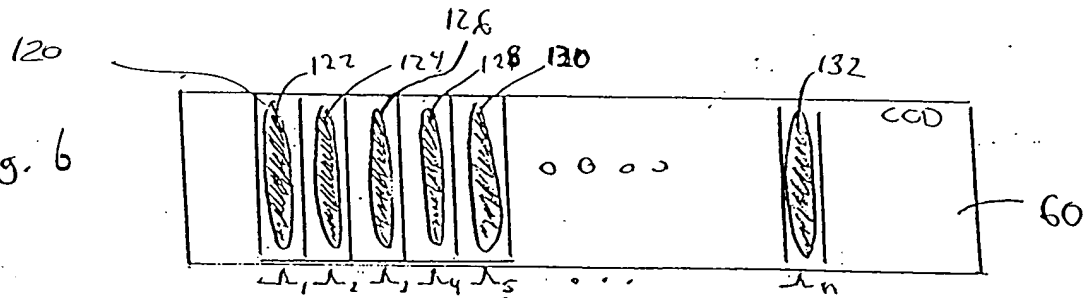


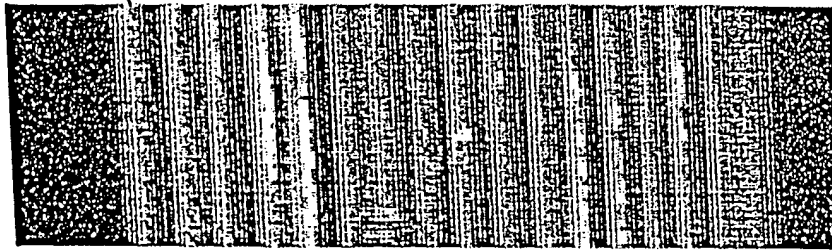
Fig. 7



Fig. 8

cc-0653

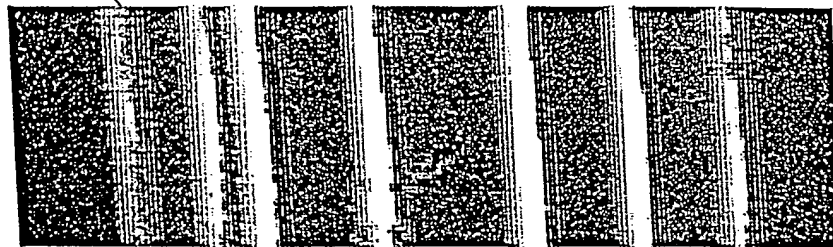
89 17 bits turned on



Bits: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

(a)

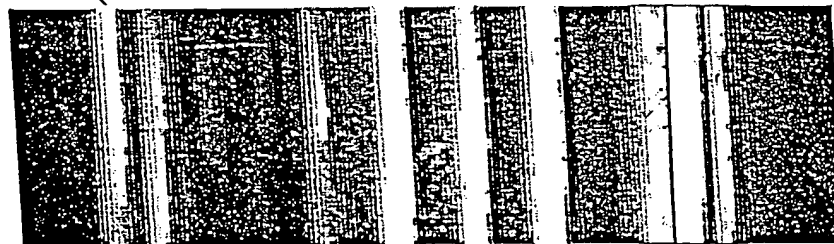
89 7 bits turned on



Bits: 1 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1

(b)

89 9 bits turned on



Bits: 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 1 1

(c)

Fig. 9

CC-0653

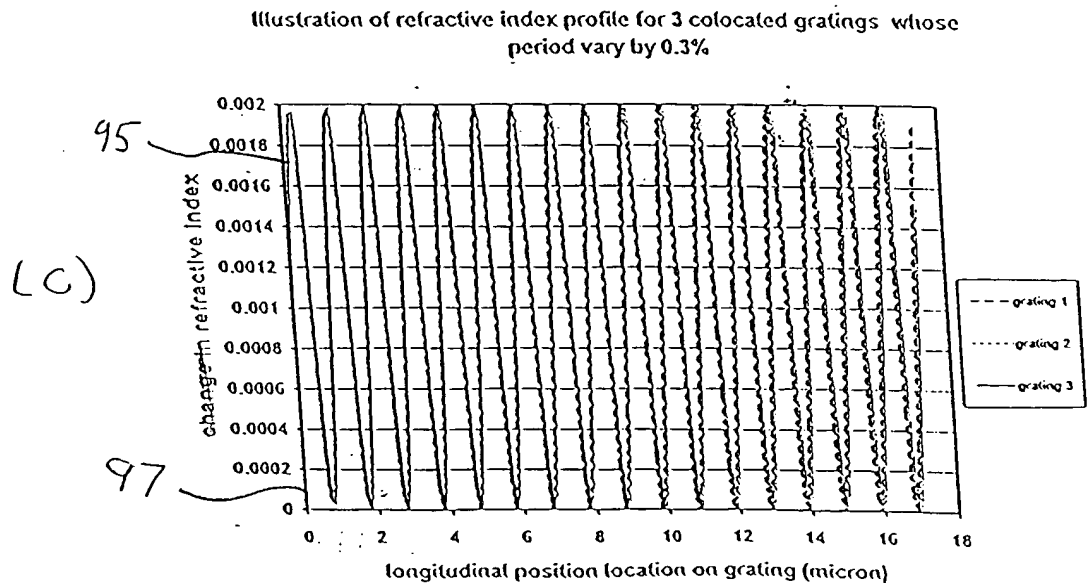
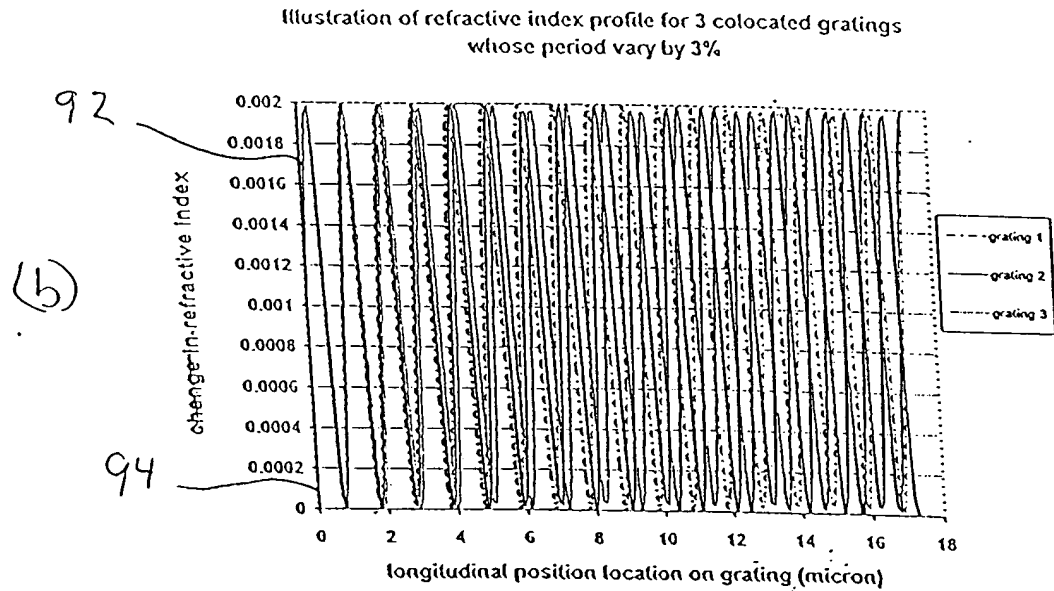
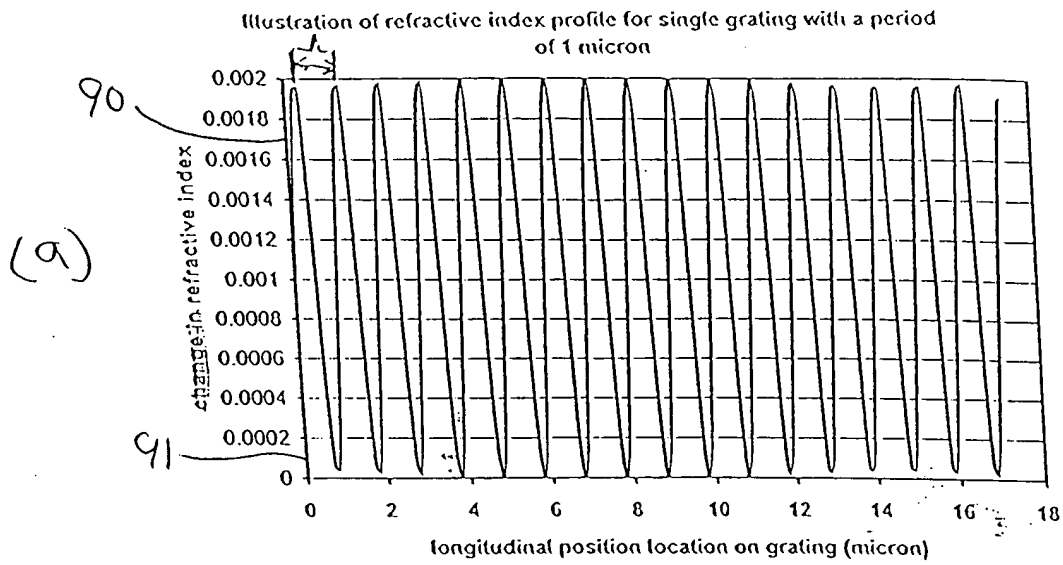


Fig. 9

cc-0653

(d)

Index modulation caused by superposition of 3 gratings where the pitch between each grating varies by 3%.

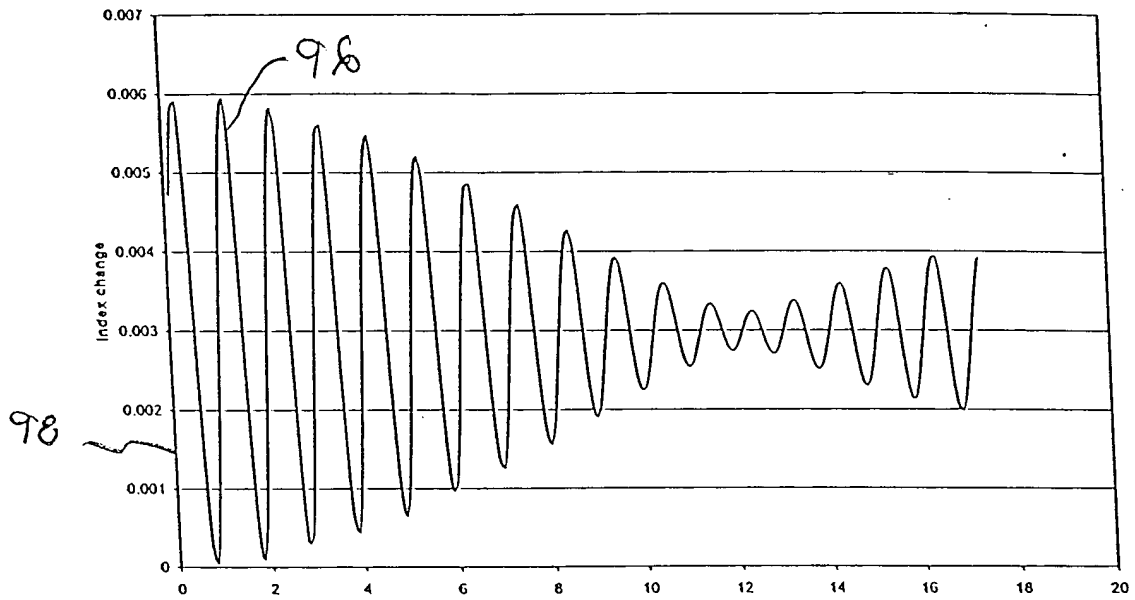




Fig. 10

cc-0653

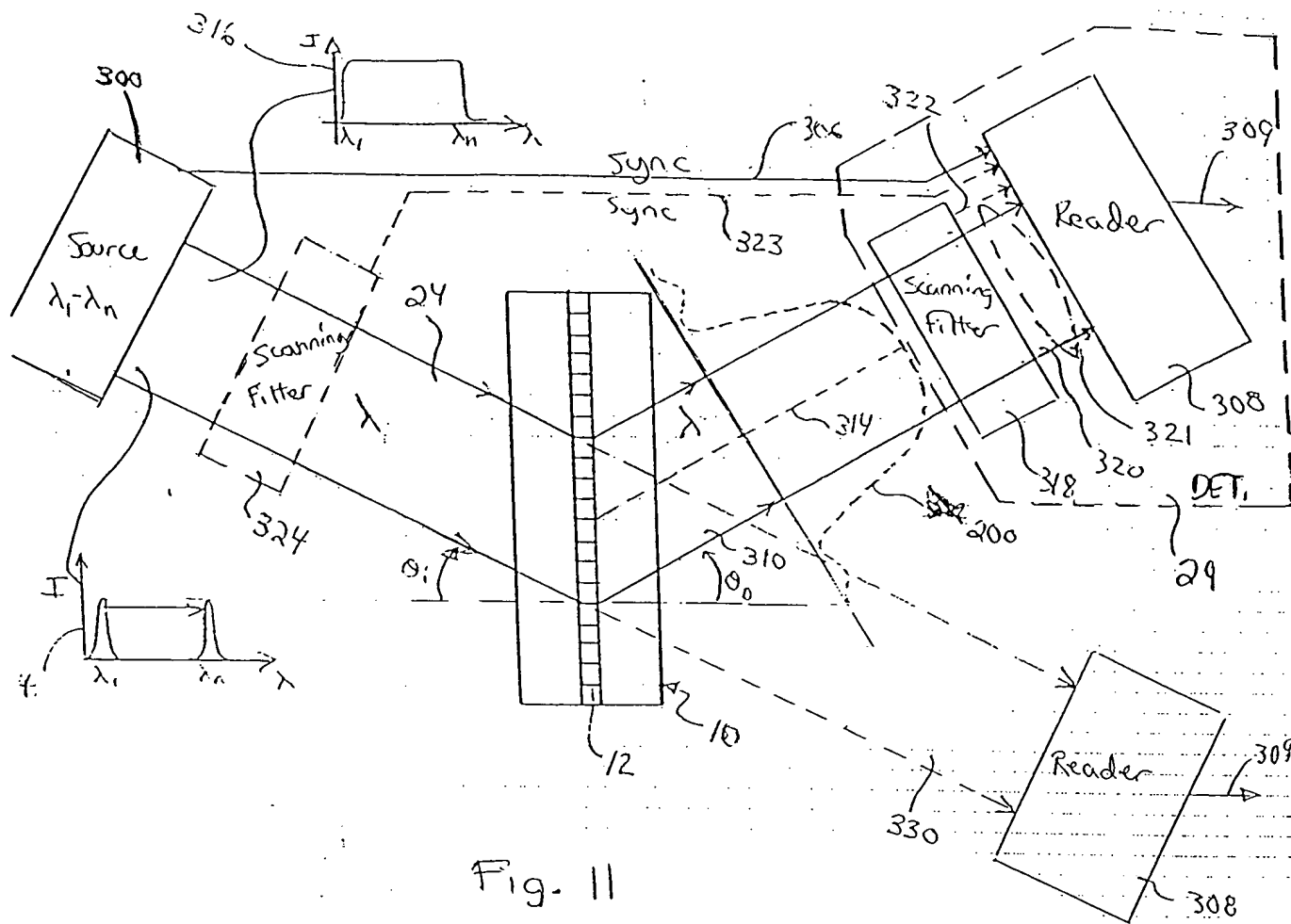


Fig. 11

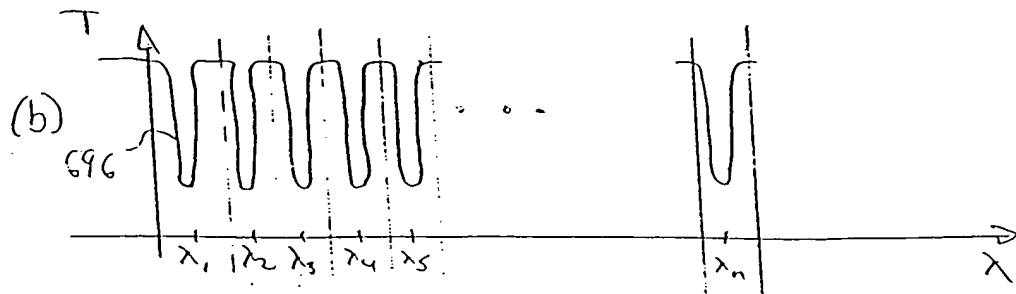
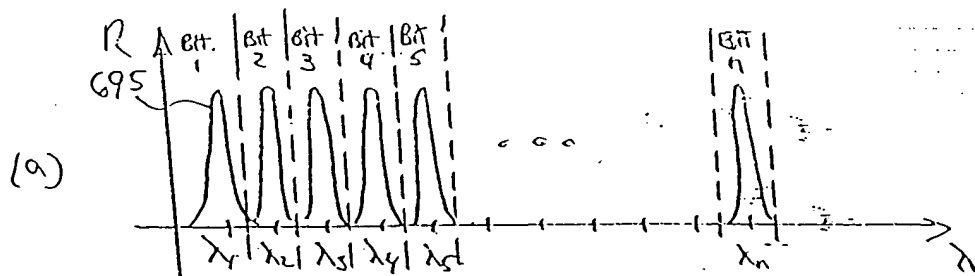
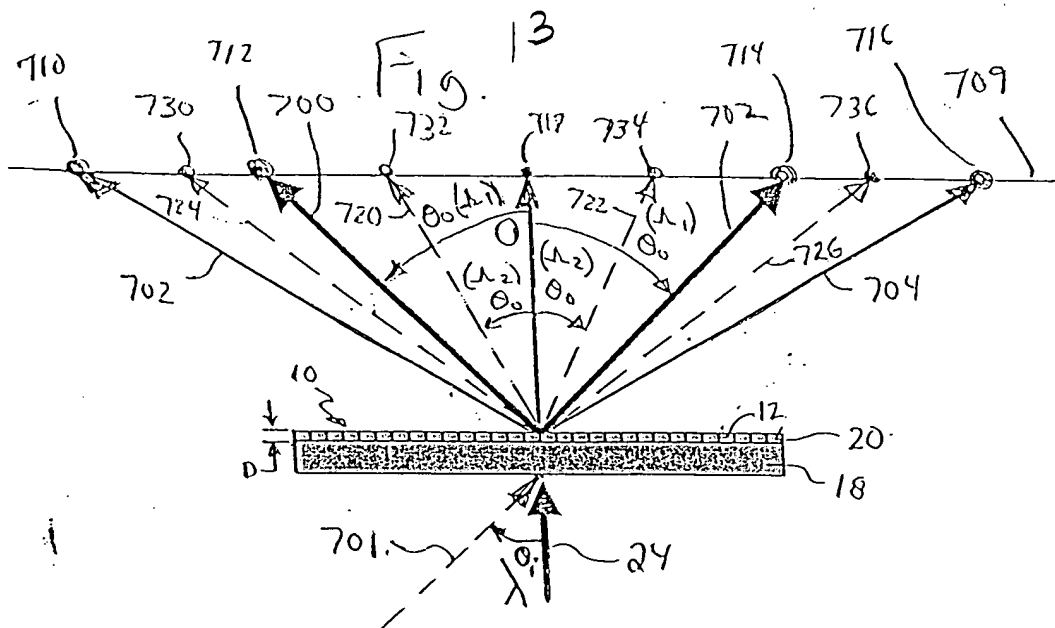
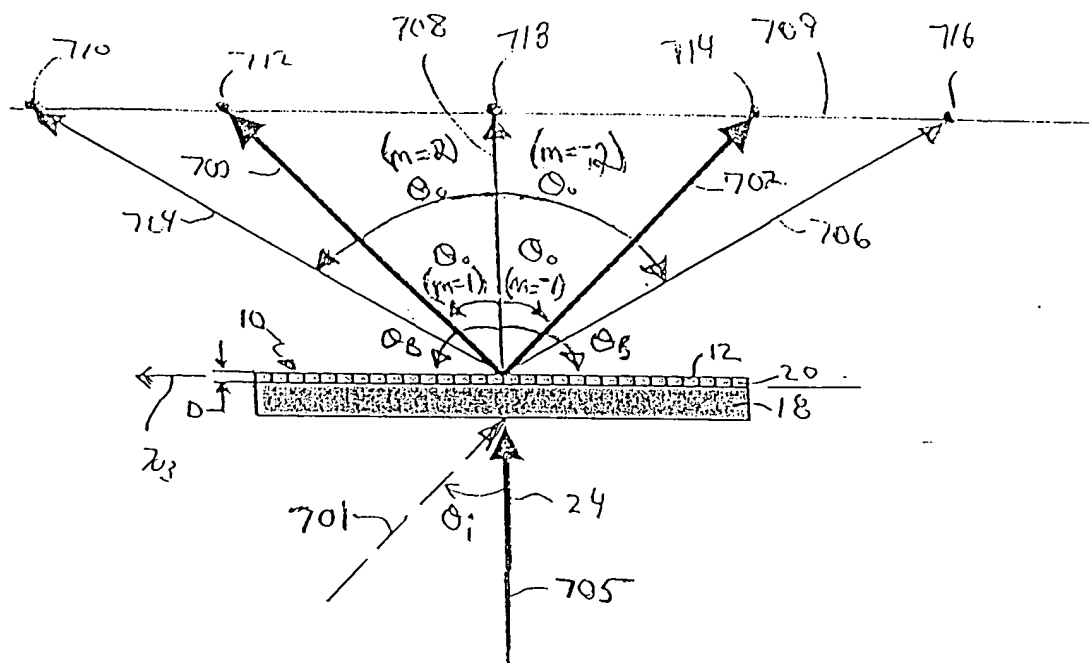


Fig. 12

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Fig. 16

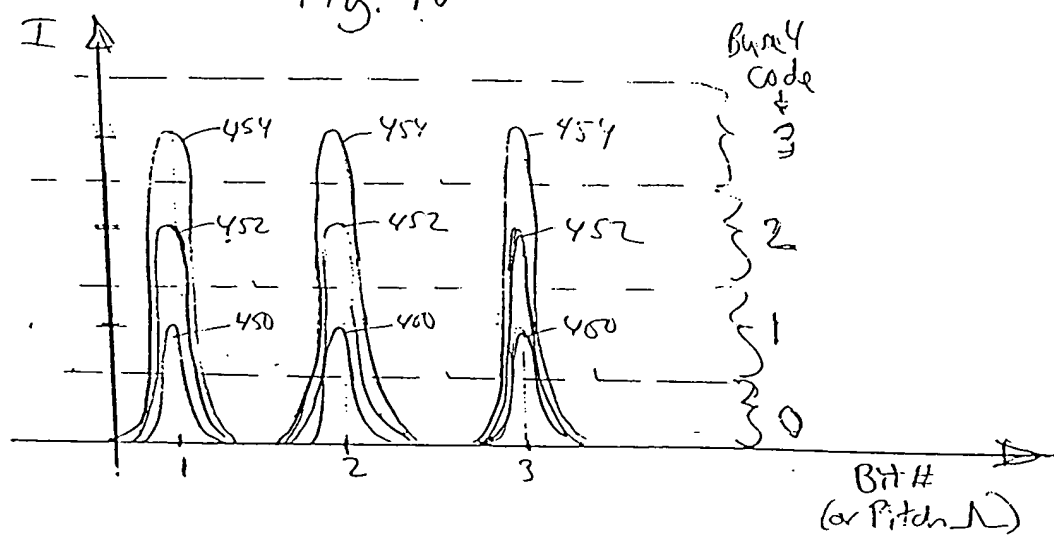


Fig. 17

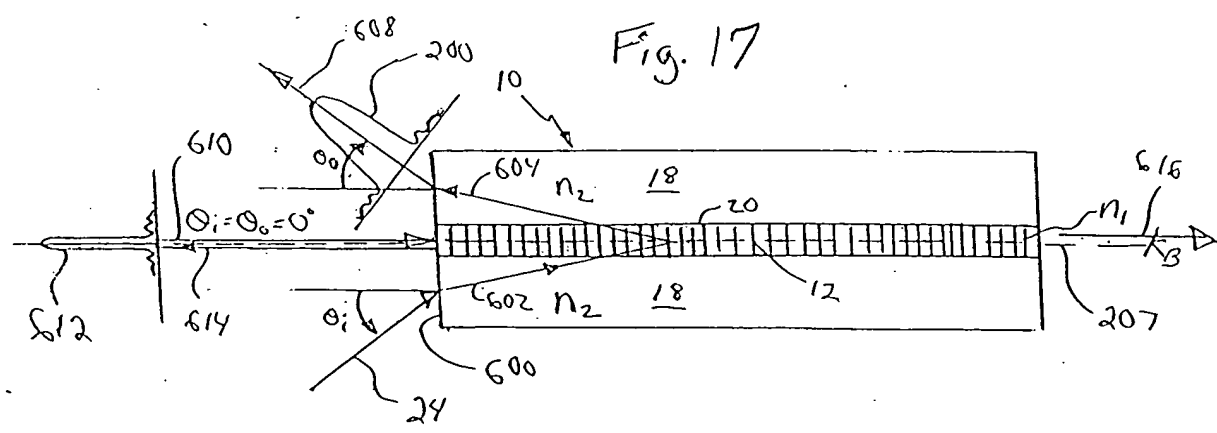
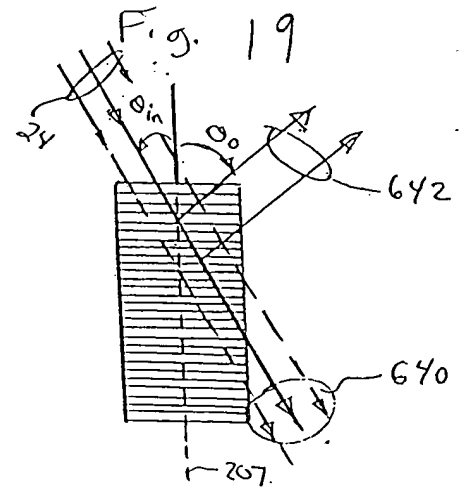
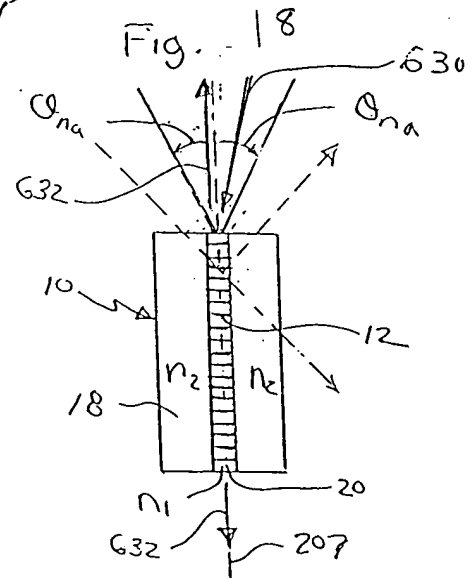
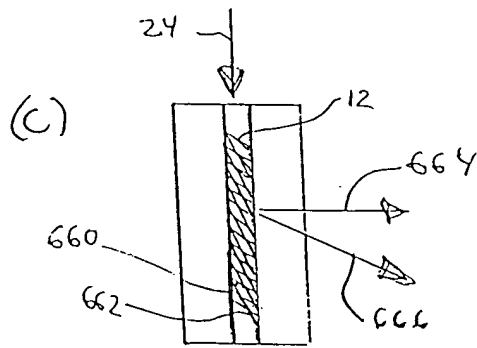
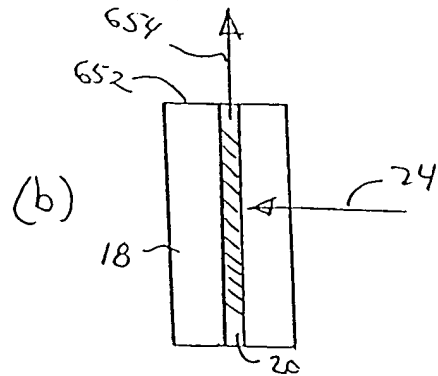
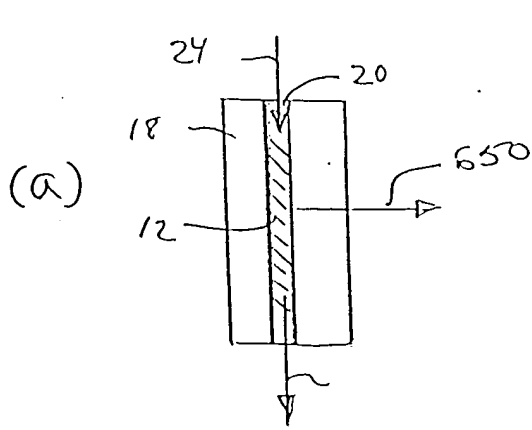
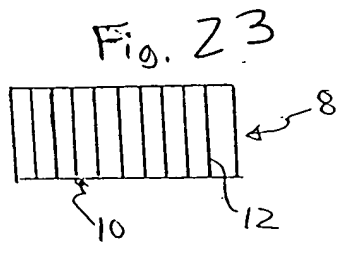
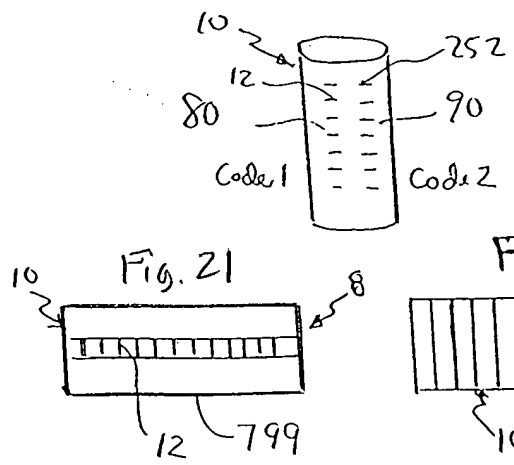
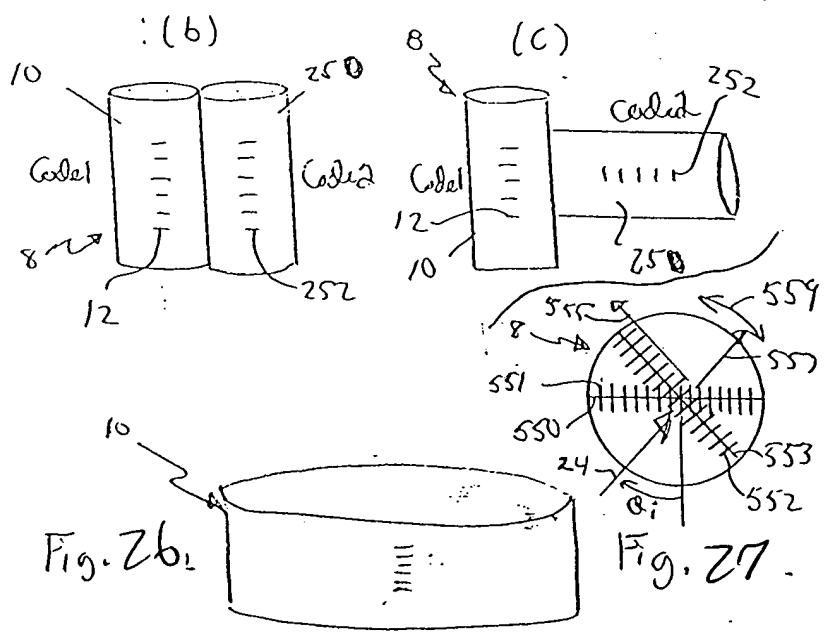
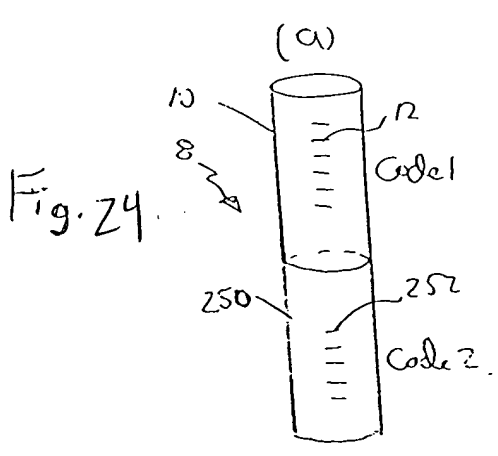
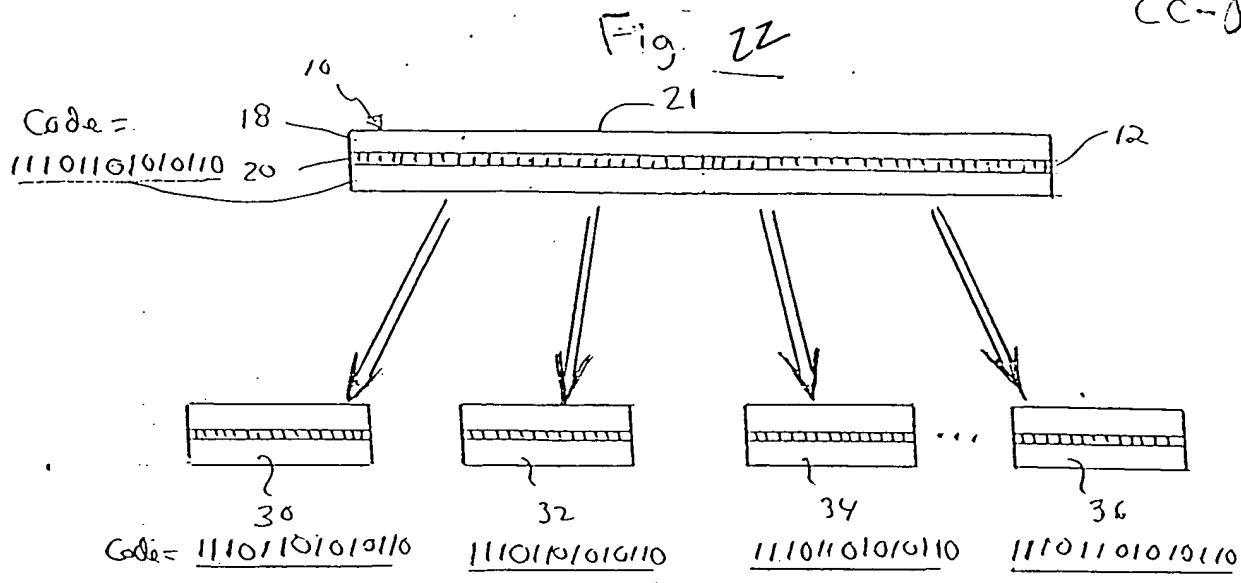


Fig. 20

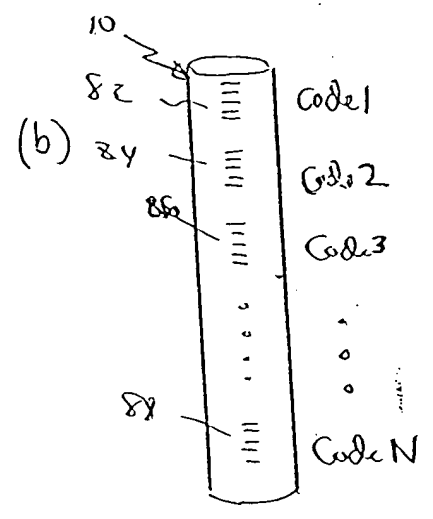
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CC-0653



**Fig. 25**



cc-0653

Fig. 28

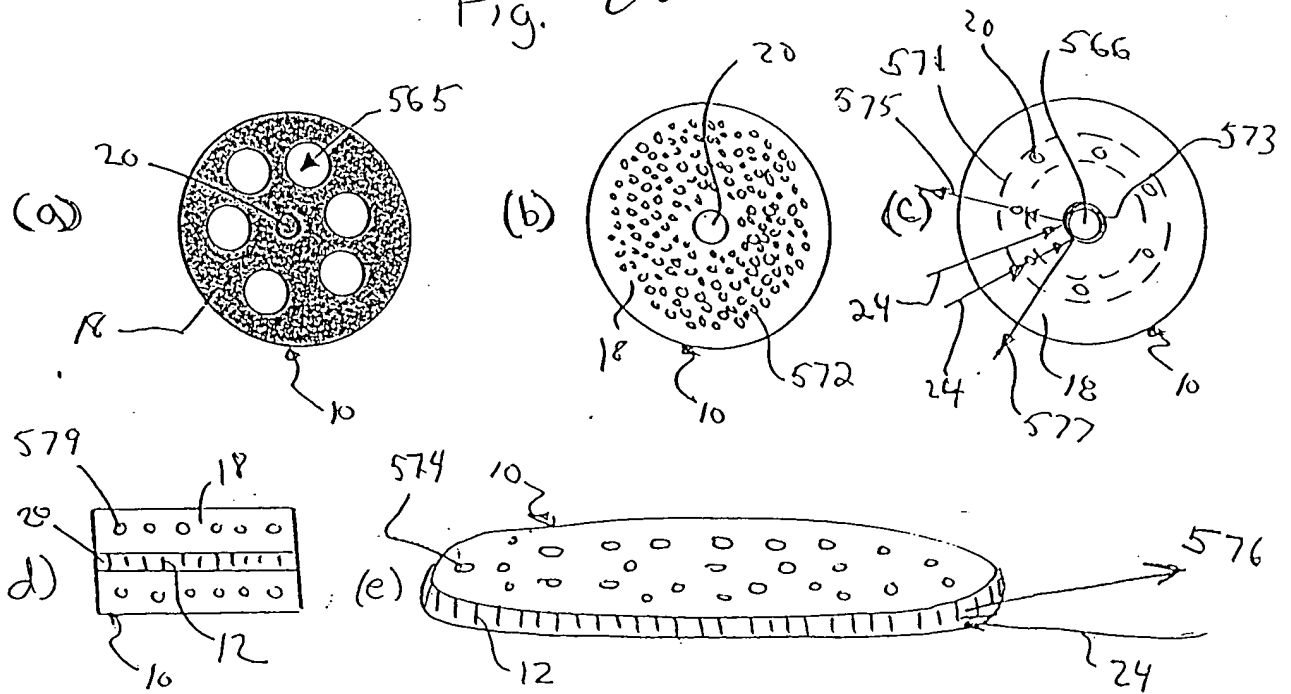


Fig. 29

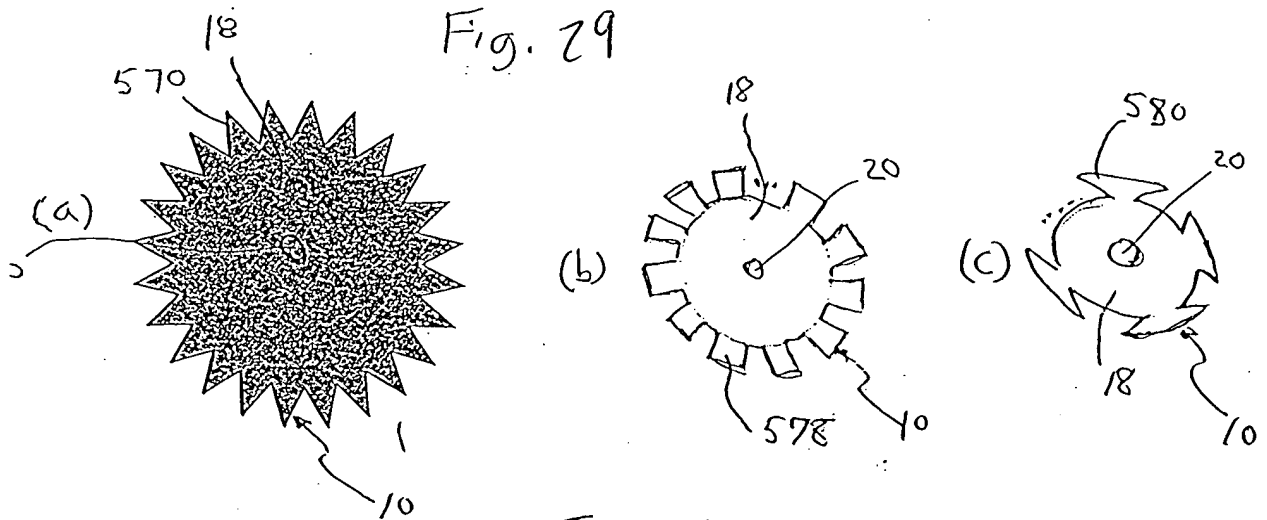
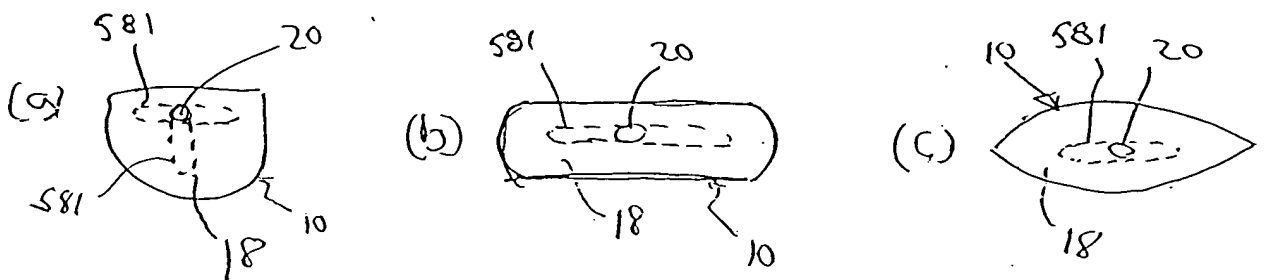


Fig. 30



cc-0653

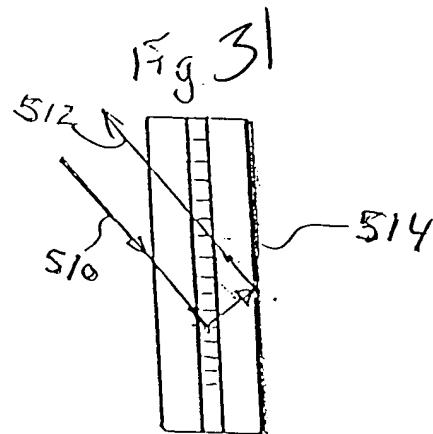


Fig. 32

